

ABSTRACT OF THE DISCLOSURE

A method, system and computer program for secure electronic communication by modifying a security code for use in a plurality of separate electronic communications between a first party and a second party involves the initial secure exchange of a seed value. Additionally, a relatively simple advance function and a one-way hash function are exchanged. When a new communication, for example following a disconnection, is required, both parties apply the advance function to the seed value and then hash the result to each create a new security code. If the tokens at the two parties are the same, the communication is allowed to proceed. The invention is applicable to both client and server in a client/server system, where the client may be a cellular phone or a personal digital assistant.

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